

## Claims

- [c1] 1. A method of printing, the method comprising:  
passing a medium through a printing device; and  
printing on oppositely facing portions of the medium during a single pass of  
the medium through the printing device.
- [c2] 2. The method of claim 1, wherein the medium is folded and wherein the  
printing on oppositely facing portions is done such that when the folded  
medium is unfolded, the printed information on one portion of the medium  
correlates with the printed information on the other portion of the medium.
- [c3] 3. The method of claim 2, wherein the printed information is data, wherein  
the data is measured with respect to time, and wherein the data on the  
oppositely facing portions correlate with respect to time.
- [c4] 4. The method of claim 2, wherein the printed information is data, wherein  
the data is measured with respect to time, and wherein the data on the  
oppositely facing portions is horizontally aligned with respect to time.
- [c5] 5. The method of claim 1, wherein printing on oppositely facing portions  
includes printing on one portion with a first print head and printing on the  
other portion with a second print head.
- [c6] 6. The method of claim 5, wherein printing with the first and second print  
heads occurs substantially simultaneously.
- [c7] 7. The method of claim 5, wherein the printed information is data, wherein  
the data is measured with respect to time, and wherein a portion of the data  
collected in a first measurement time is printed by the first print head before  
a portion of the data collected in the first measurement time is printed by  
the second print head, thereby allowing the first and second print heads to  
be offset from one another in the printing device.
- [c8] 8. The method of claim 1, wherein the printed information is data and  
wherein the data is medical patient data.

- [c9] 9. The method of claim 1, wherein the printing device includes a thermal print head.
- [c10] 10. A method of printing an image, the image including at least two waveforms corresponding to physiological data collected over time, the method comprising:  
passing a folded medium having oppositely facing portions through a printing device;  
printing a first waveform on one portion of the folded medium; and  
printing a second waveform on the other portion of the folded medium, both the first and second waveforms being printed in a single pass of the folded medium through the printing device.
- [c11] 11. The method of claim 10, wherein the first and second waveforms are printed such that when the folded medium is unfolded, the first and second waveforms are correlated with respect to one another.
- [c12] 12. The method of claim 10, wherein the image further includes textual data and the method further includes printing the textual data on one of the oppositely facing portions of the folded medium.
- [c13] 13. The method of claim 10, wherein the folded medium is fed from a roll.
- [c14] 14. The method of claim 10, wherein the folded medium is fed from a continuous fan-folded stack.
- [c15] 15. The method of claim 10, wherein the first waveform is printed with a first print head and the second wave form is printed with a second print head.
- [c16] 16. The method of claim 15, wherein the first and second print heads are thermal print heads.
- [c17] 17. The method of claim 10, wherein the waveforms correspond to patient medical data.
- [c18] 18. The method of claim 17, wherein the waveforms are generated by a 12-

lead ECG unit.

- [c19] 19. A printing device for printing on oppositely facing portions of a medium in a single pass, the printing device comprising:
- a feed path for receiving the medium;
  - a first print head adjacent a first side of the feed path; and
  - a second print head adjacent a second side of the feed path.
- [c20] 20. The printing device of claim 19, wherein the medium is folded and the feed path is sized to receive the folded medium.
- [c21] 21. The printing device of claim 20, wherein the feed path includes a separation member positionable between the oppositely facing portions of the folded medium.
- [c22] 22. The printing device of claim 20, wherein the first print head is configured to print data in a first orientation and the second print head is configured to print data in a second orientation, such that after exiting the print device, the medium can be unfolded and the data printed by the first print head correlates with the data printed by the second print head.
- [c23] 23. The printing device of claim 20, wherein the printing device is coupled to a medical device.
- [c24] 24. A portable medical device comprising:
- a processor; and
  - a printing device coupled to the processor for printing patient data collected by the processor, the printing device including:
    - a feed path for receiving a folded medium having oppositely facing portions;
    - a first print head adjacent a first side of the feed path for printing data on one portion of the folded medium; and
    - a second print head adjacent a second side of the feed path for printing data on the other portion of the folded medium.
- [c25] 25. The medical device of claim 24, wherein the first and second print heads

of the printing device print substantially simultaneously as the folded medium passes through the feed path.

[c26] 26. The medical device of claim 24, wherein the patient data collected by the processor is a function of time, and wherein the first print head prints data corresponding to a first time period before the second head prints data corresponding to the first time period, so that the first and second print heads can be offset from one another in the printing device.

[c27] 27. The medical device of claim 24, wherein the feed path is approximately 4 to 6 inches wide.

[c28] 28. The medical device of claim 27, wherein the folded medium is approximately 4 to 6 inches wide when folded.

[c29] 29. The medical device of claim 24, wherein the feed path includes a separation member positionable between folded portions of the folded medium.

[c30] 30. The medical device of claim 24, wherein the first and second print heads are thermal print heads.

[c31] 31. The medical device of claim 24, wherein the processor is part of a ECG unit.